

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

25X1A

COUNTRY **Bulgaria**

SUBJECT **Location of Power Stations and Dams**

25X1A

PLACE ACQUIRED
(BY SOURCE)

25X1C

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(BY SOURCE)

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DATE (OF INFO.)

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SUPP. TO
REPORT NO.

25X1X

/Available on loan from the CIA Map Library are a number of sheets of the
Bulgarian 1:100,000 series. In addition
to other information indicated on these maps, source marked thermoelectric
power stations (green circle); hydroelectric power stations (green triangle);
and dams with the symbol (in brown). Broken lines indicate that the
facility is in the project or construction stage. The sequence of a Roman
and an Arabic numeral (as in IV 2), usually after a place name, indicates the
map sheet in the series which gives the geographic location of the appropriate
installation. To borrow maps call - code 143, ext. 2596. Map call no. VF76991.7

Hydroelectric Power Stations

1. 1, at Kitka (mountain), IV 2 (near Belogradchik)

2, at Mala Chuksa, IV 2 (near Belogradchik)

3, near Petrokhanski Pass, V 3; at this location, four hydro-
electric power stations are planned to be constructed; a dam was
so poorly constructed at this location that the responsible
engineer - who had opposed the project in the form in which it was
ordered by the authorities - anticipated its failure and fled in
1950 or 1951 via Yugoslavia and Austria to Canada. This man, Engineer
Preobrazhenski, now lives in Canada.

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- 4, at Cherven Bryag, V 4
- 5, near "Aleksander Stamboliski" Dam (see below), V 5; in project stage
- 6, at Pancharevo, VI 3
- 7, near Kokalene, VI 3; in construction
- 8, near Passarel, VI 3; in construction
- 9, at Vidina near Troyan, VI 5
- 10, near "Georgi Dimitrov" Dam, VI 5; two hydroelectric power stations are in construction at this point.
- 11, at Pastra, VII 3
- 12, at Mala Tsurkva, VII 3; in construction
- 13, at Elli-Dere (Vetren Dol), VII 4; in construction
- 14, at Krichim, VII 4; in construction
- 15, shown on sheet VIII 4; a large dam and hydroelectric power station with a projected output of 100,000 kw are in construction between Batak and Dobrichditsa (sic); the exact location appears doubtful
- 16, near Asenovgrad, VIII 5; this power station was last reported in construction, is believed to be completed

Thermoelectric Power Stations

2. 1, at Pleven, V 5
- 2, at Varna (now Stalin), V 9
- 3, at Pernik, VI 2; this thermoelectric power station bears the name, "Tets Dimitrovo" and now has a capacity of 16,000; its projected capacity is 28,000 kw
- 4, at Pernik, VI 2; this station bears the name, "Tets Republica" and now has a capacity of 50,000 kw; its capacity is to be boosted to 75,000 kw
- 5, near Kurilo, VI 3; its name is "Stalin", and its present capacity of 20,000 kw is to be increased to 50,000 kw
- 6, near Trevna, VI 6
- 7, near Dimitrograd, VII 6; its name is "Tets Maritsa"
- 8, near Dimitrograd, VII 6; its name is "Tets Volko Chervenkov"
- 9, near Galabovo, VII 6; thermoelectric power station projected and will be named "Tets Maritsa Eastok"
- 10, near Burgas, VII 8; former name of power station was "Tets Chernomore"; new name is "Tets Vasil Kolarov"

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Dams

3. 1, at Kitka (mountain), IV 2 (near Belogradchik)
- 2, at Mala Chuka, IV 2 (near Belogradchik)
- 3, near Petrokhanski Pass, V 3 (poorly constructed; see comment above)
- 4, at Cherven Bryag, V 4
- 5, on Rositsa River, V 5; this dam was formerly named, "Rositsa", new name is "Aleksander Stamboliski"
- 6, at Pancharevo, VI 3
- 7, near Passarel, VI 3; at this location, the "Stalin" Dam is now in construction and projected to become the largest dam in Bulgaria
- 8, at Vidima, VI 5 (near Troyan)
- 9, at Kobrinka, VI 5; "Georgi Dimitrov" Dam now in construction; near Kasanluk
- 10, at Pastra, VII 3 ~~electric~~
- 11, at Mala Tsirkva, VII 3; near Samokov
- 12, at Elli-Dere (Vetren Dal), VII 4; in construction ~~electric~~
- 13, at Krichim, VII 4; "Vodsha" Dam in construction
- 14, on Krichim River, VIII 4; the "Vasil Kolarov" Dam, formerly called, "Tash Bana" is located on the Krichim River; a number of other dams are in construction on the same river to provide water for the hydroelectric power station at Krichim ~~electric~~
- 15, shown on map sheet VIII 4; as indicated above, exact location of a large dam under construction in this area is doubtful
- 16, near Assenovgrad, VIII 5; "Assenitsa" Dam

- end -

LIBRARY SUBJECT AND AREA CODES
C-02-0615 8/54

735.921 20M
735.922 20M
623.322 20M

(+1)

~~electric~~

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Map enclosures to

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These maps are unclassified when separated from the reports.

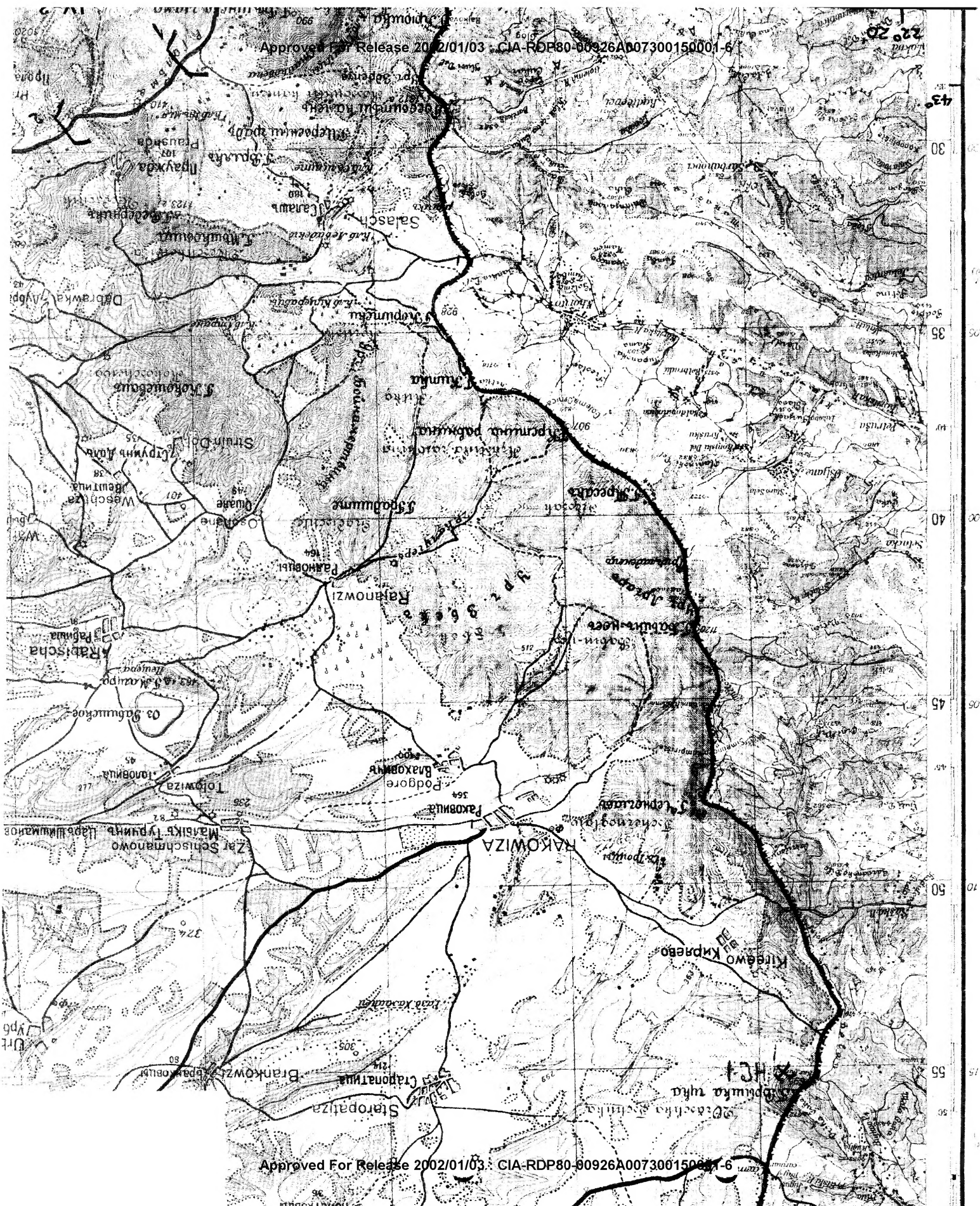
The key to the symbols is given on the back of each map.

Annotations made on "Bulgarie 1:100,000". Numbers in the lower right corner of each map refers to the original sheet number.

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VERTICAL FILE

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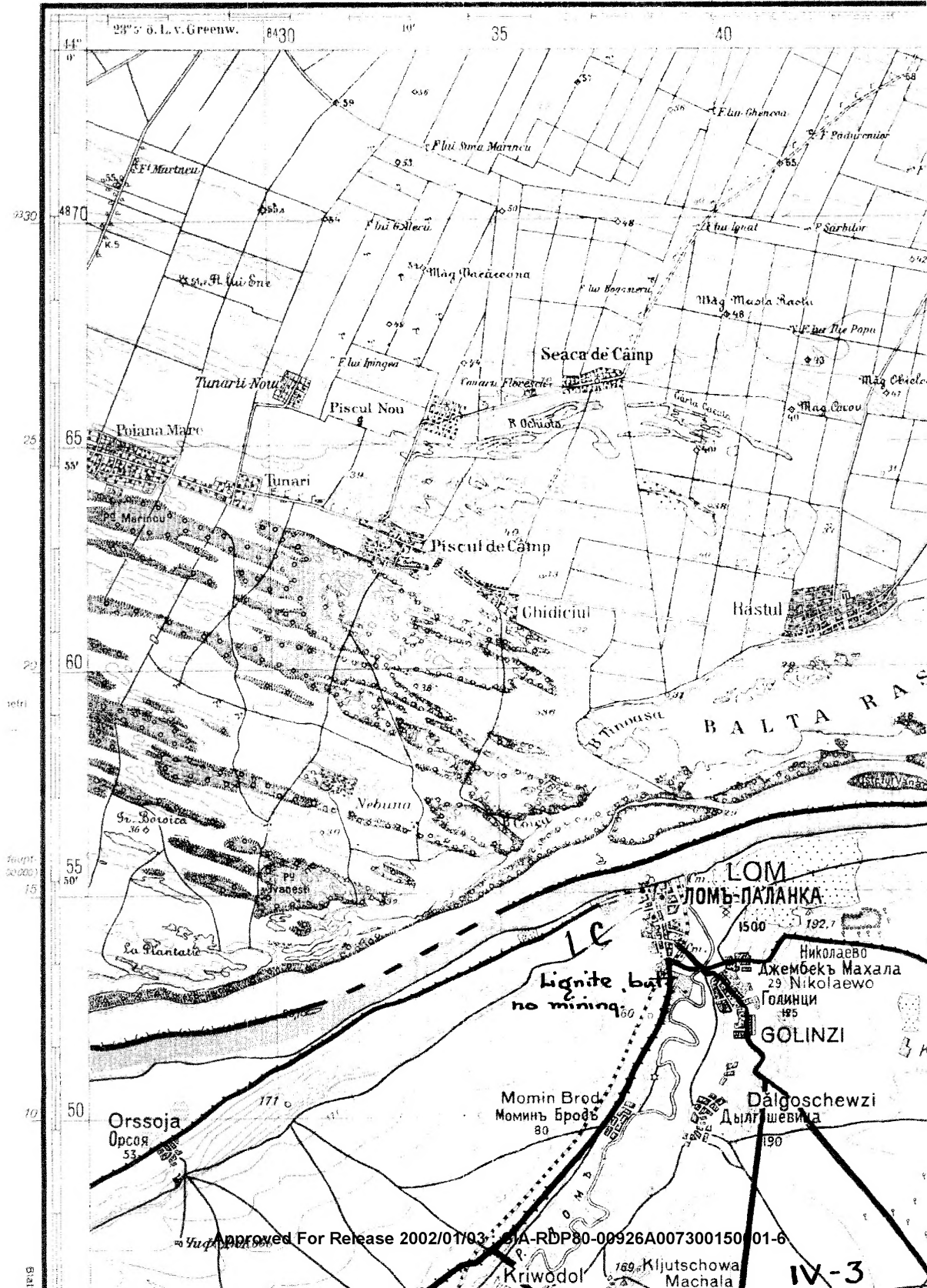


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- 1986年12月15日

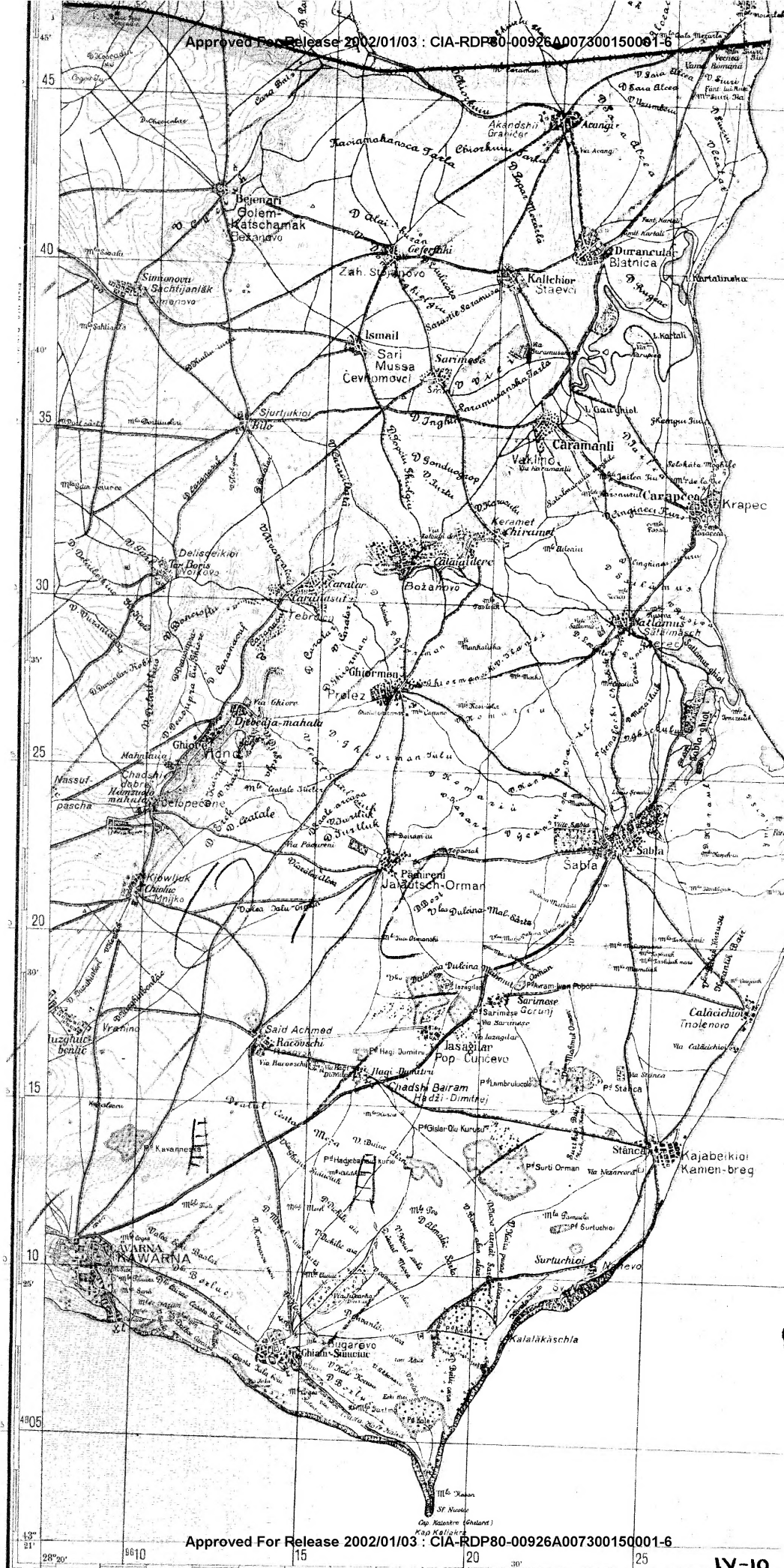
Bulgarien 1:1000

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IV-3



Vorläufige Sonderausgabe! 5

Nur für den Dienstgebrauch!



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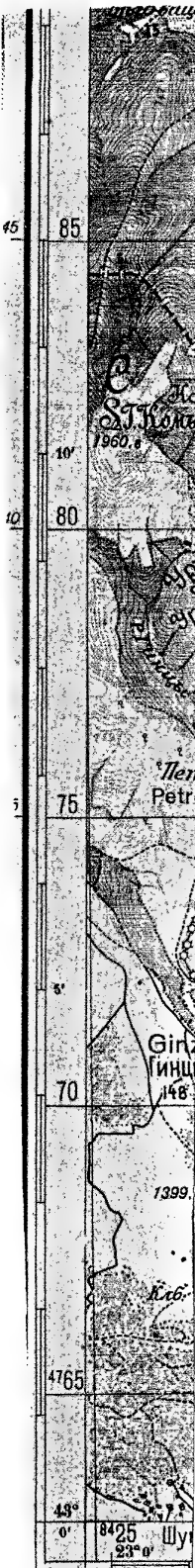
FePb1 - Iron and lead mine at Chiprovtsi

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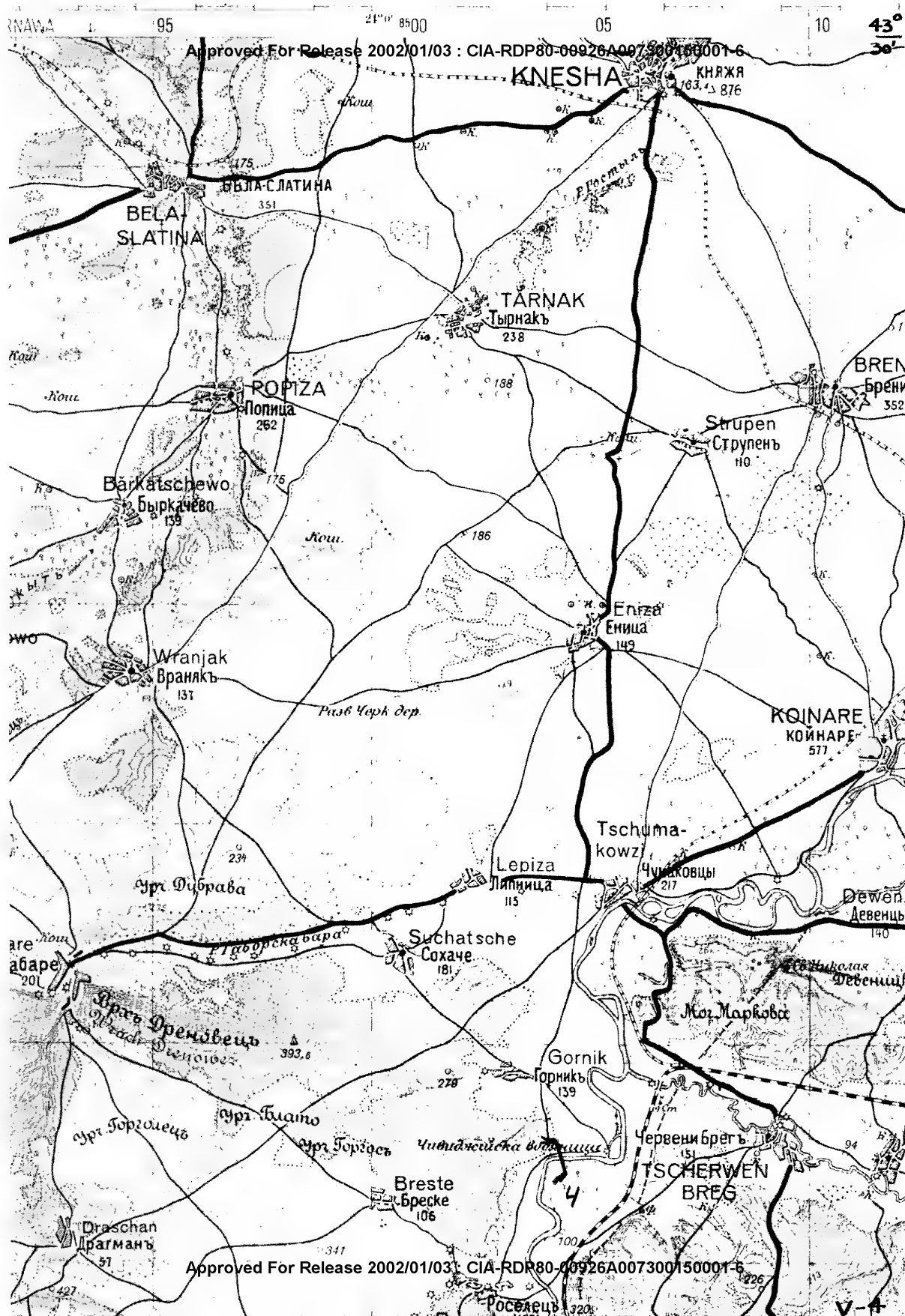


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Janischew-Tschiluk
Личовъцифт.

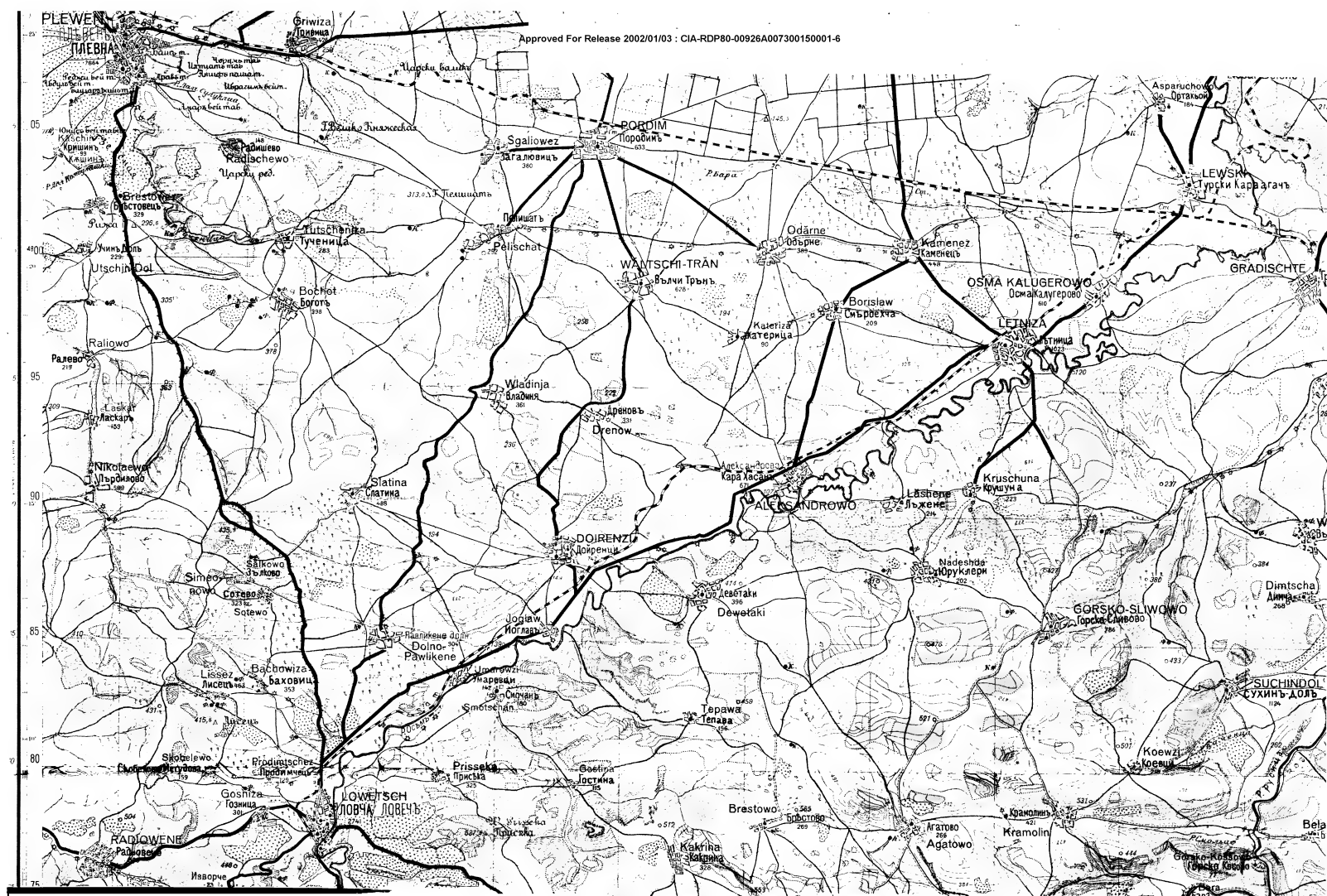
- 
- △ 3 - hydroelectric station at Petrokhanski Pass - four were planned.
] 3 - Dam near Petrokhanski Pass
Cu Pb 1 - Copper and lead mine at Eliseyna

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^1 - Hydroelectric station at Cherven Bryag.

34 - Dam at Cherven Bryag.

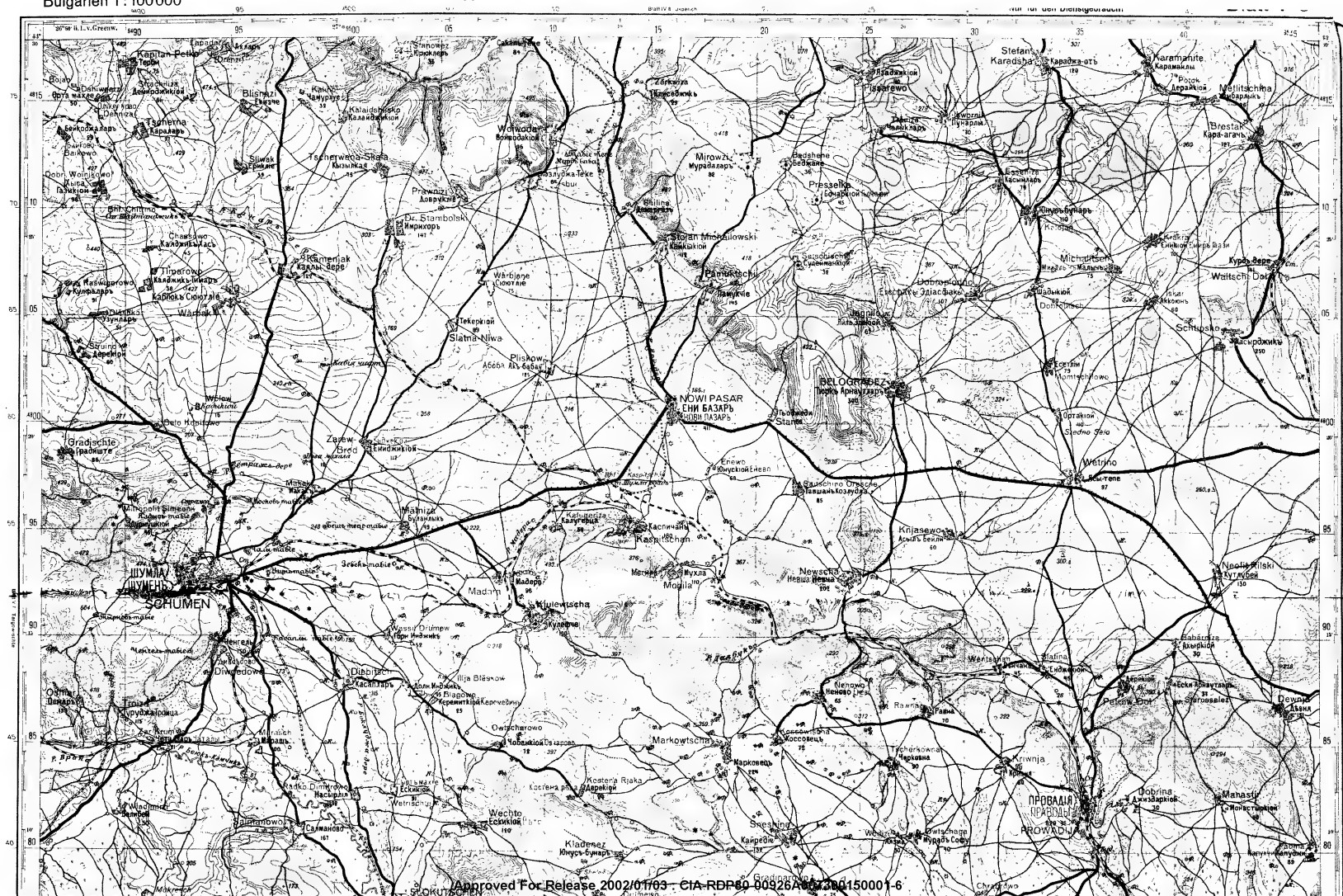


V-5

- Δ 5 - Hydroelectric power station near "Aleksander Stamboliski" Dam - in project state.
- Θ 1 - Thermoelectric power station at Pleven

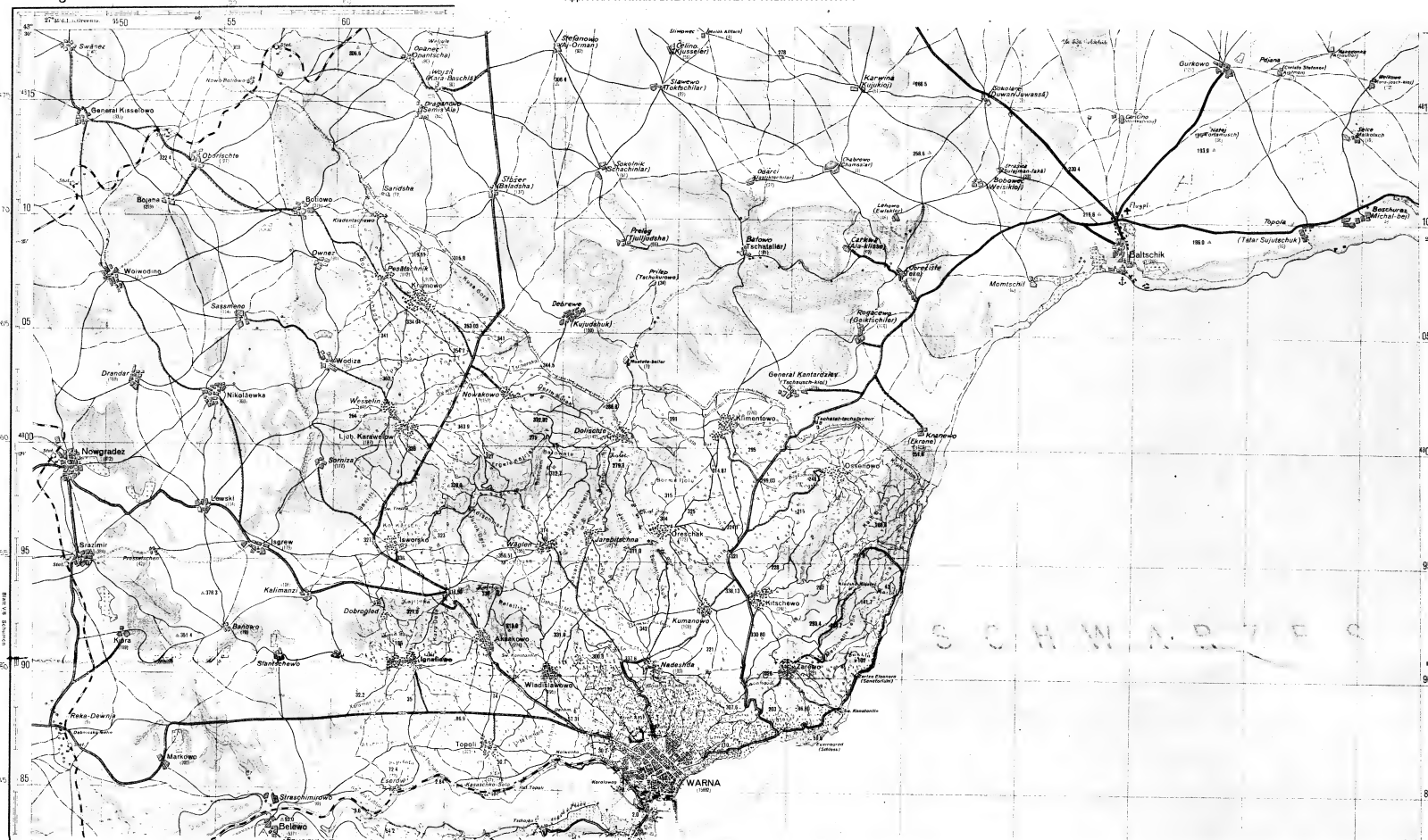
Bulgarien 1:100000

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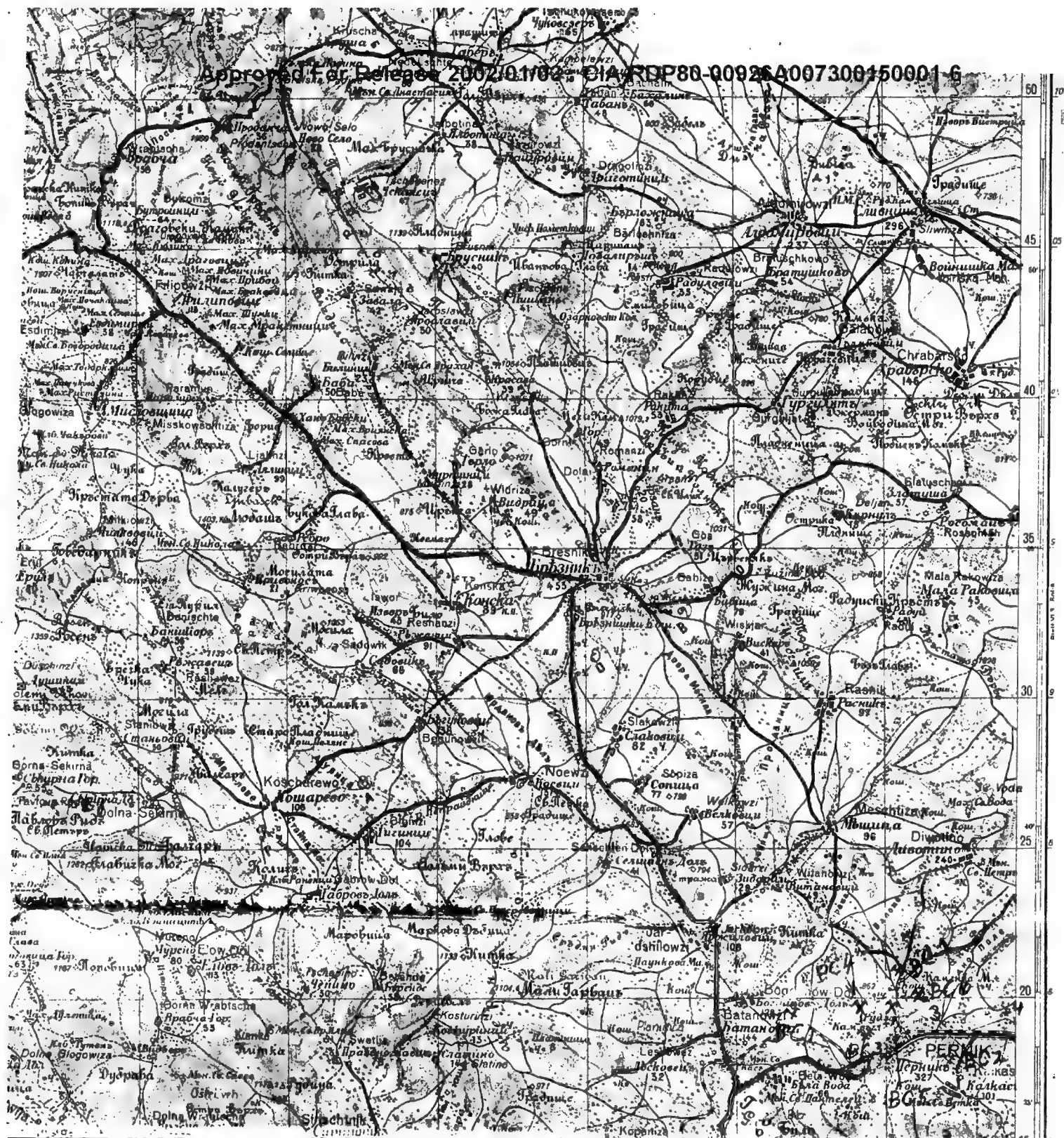
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02 - Thermoelectric power station at Varna

V-9

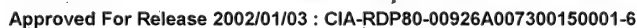
02 -

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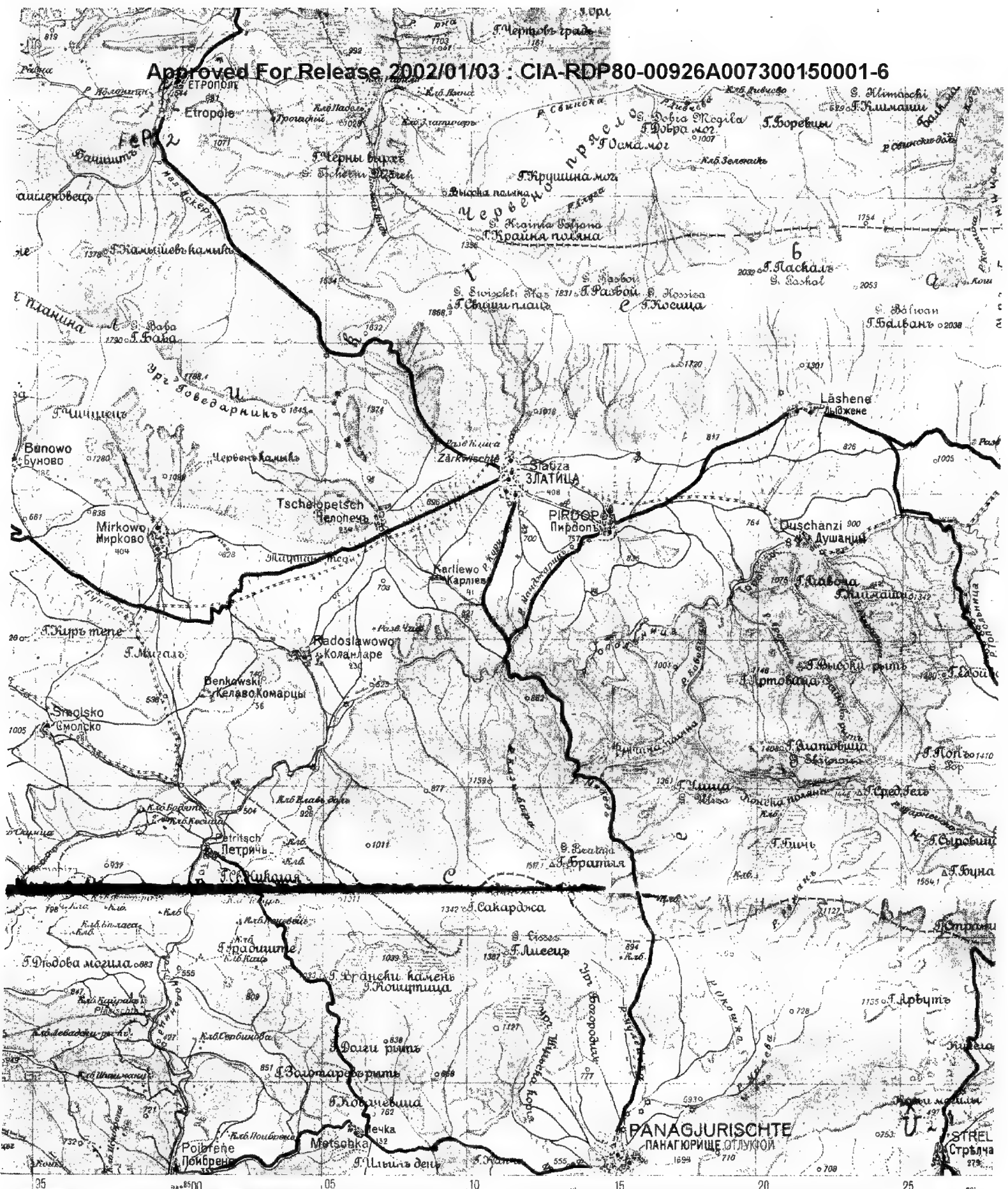


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- 03 - Thermoelectric power station at Pernik "Tets Dimitrovo"
- 04 - Thermoelectric power station at Pernik "Tets Republika"
- LC1 - "Bolshevik" lignite mine
- BC1 - "Tolbukhin" brown coal mine
- BC2 - "Sedmi Septembre" brown coal mine
- BC3 - "Temelku Nenkov" brown coal mine
- BC4 - "Brigadir" brown coal mine
- BC5 - "Sveta Anna" brown coal mine
- BC6 - "Tsarena Krushe" brown coal mine
- BC7 - "Dimitir Blagoyev" brown coal mine
- FE1 - Iron mine at Sekirna

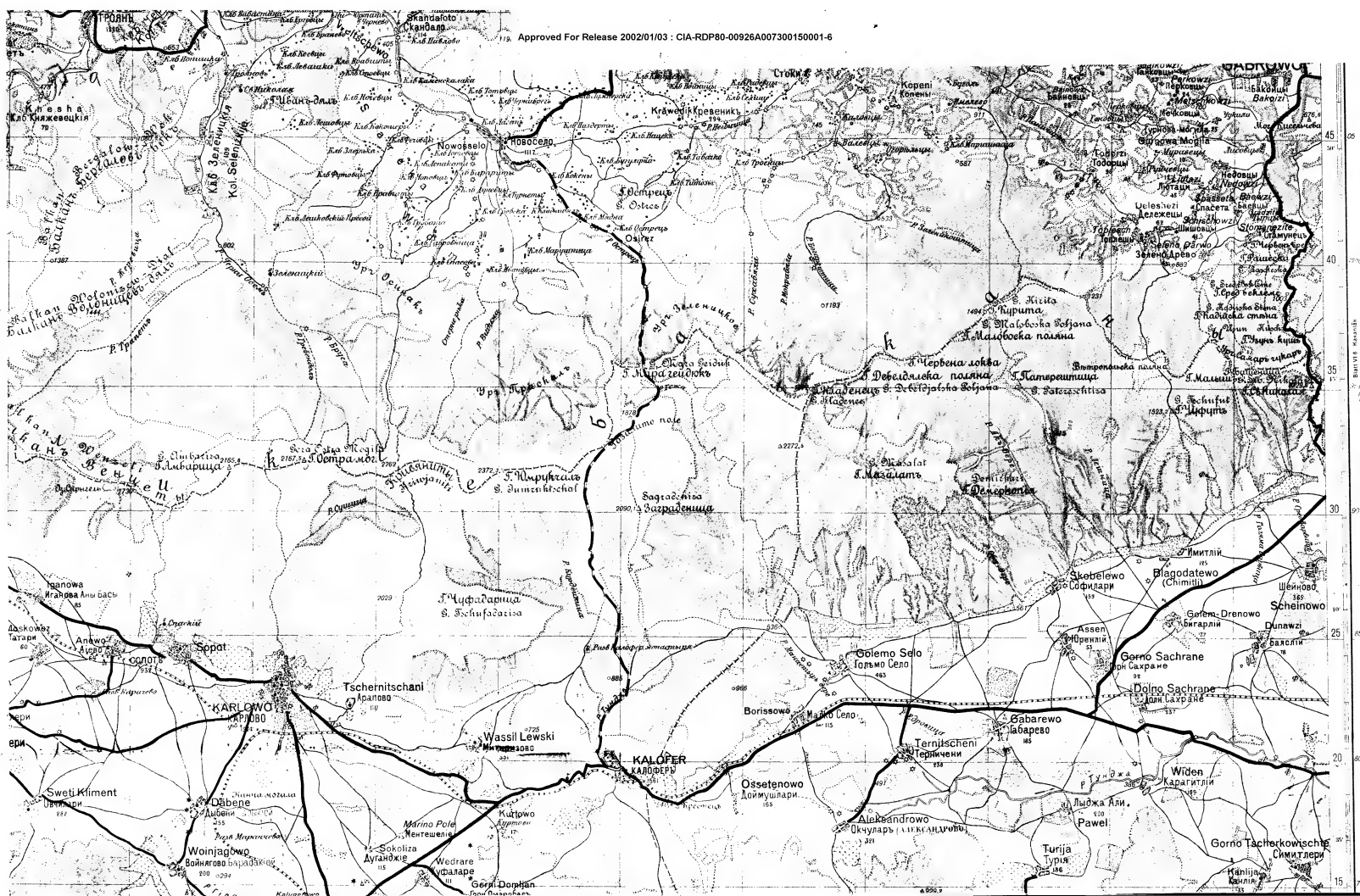


- Δ 1 - Hydroelectric station near Pancharevo.
- Δ 7 - Hydroelectric station near Kokalene - in construction
- Δ 8 - Hydroelectric station near Passarel - in construction
- Θ 5 - Thermoelectric power station near Kurilo; named "Stalin"
- } 6 - Dam at Pancharevo
- } 7 - Dam near Passarel - "Stalin" Dam
- LC 2 - Lignite mines at Kurilo; there are two mines at this location
- LC 3 - Lignite mines at Chukurovo
- BC 8 - "Republic" brown coal mine
- BC 9 - "Teva" brown coal mine
- AC - Anthracite coal mines in the Svoge mountain area
- Fe 2 - Iron mine at Bukhovo
- CuPb 2 - Copper and lead mine "Batiya"
- U 1 - Uranium mine at Bukhovo



FePb Z - Small iron and lead mines in the Etropole region which are in development
U Z - Uranium mine at Strelcha

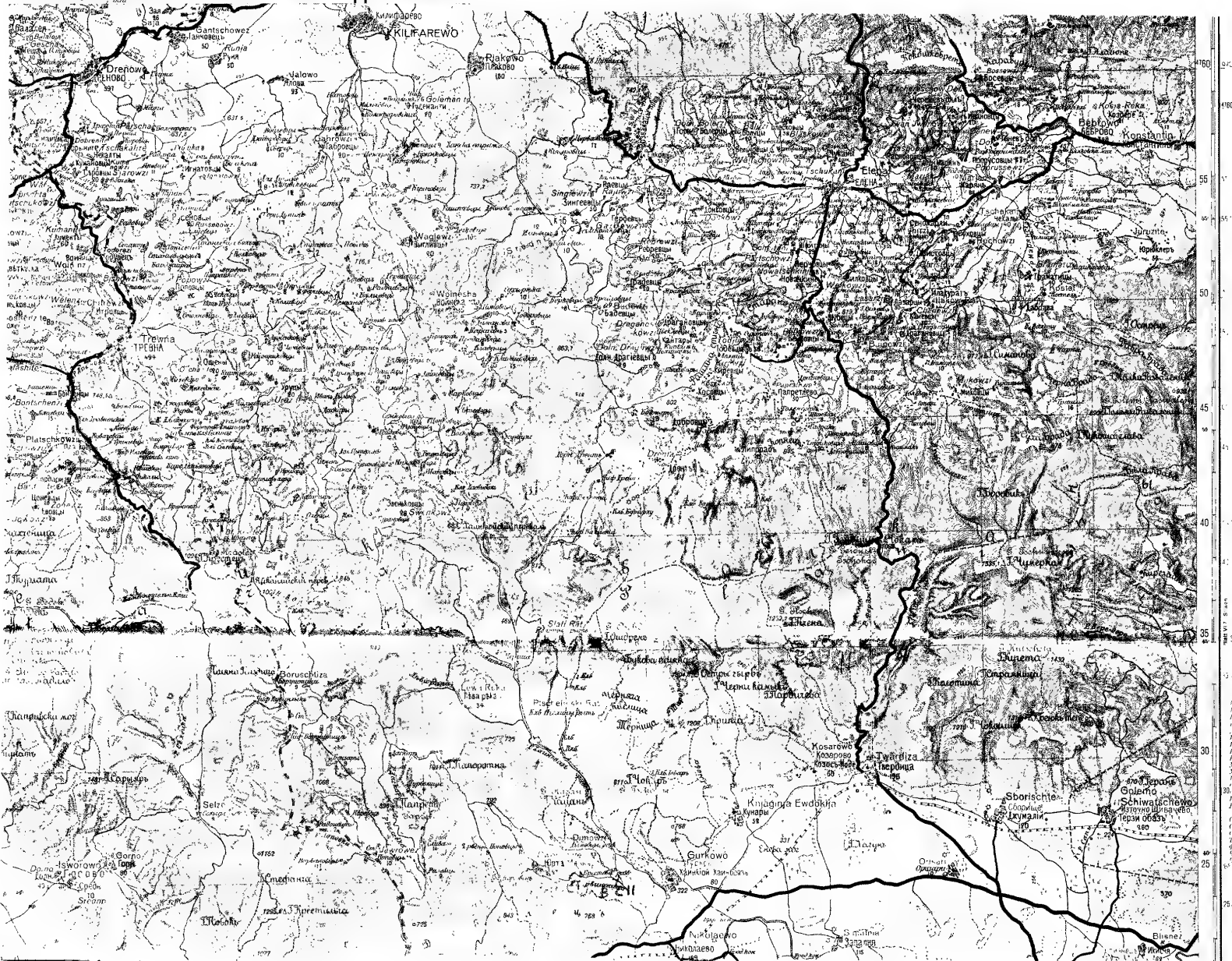
VI-4



- Δ 9 - Hydroelectric station at Vidima near Troyan
- Δ 10 - Hydroelectric station near "Georgi Dimitrov" Dam - two hydroelectric power stations are in construction at this point
- Δ 10 - Dam at Vidima
- Δ 11 - Dam at Kobrinka "Georgi Dimitrov" Dam - now in construction near Kazanluk

K

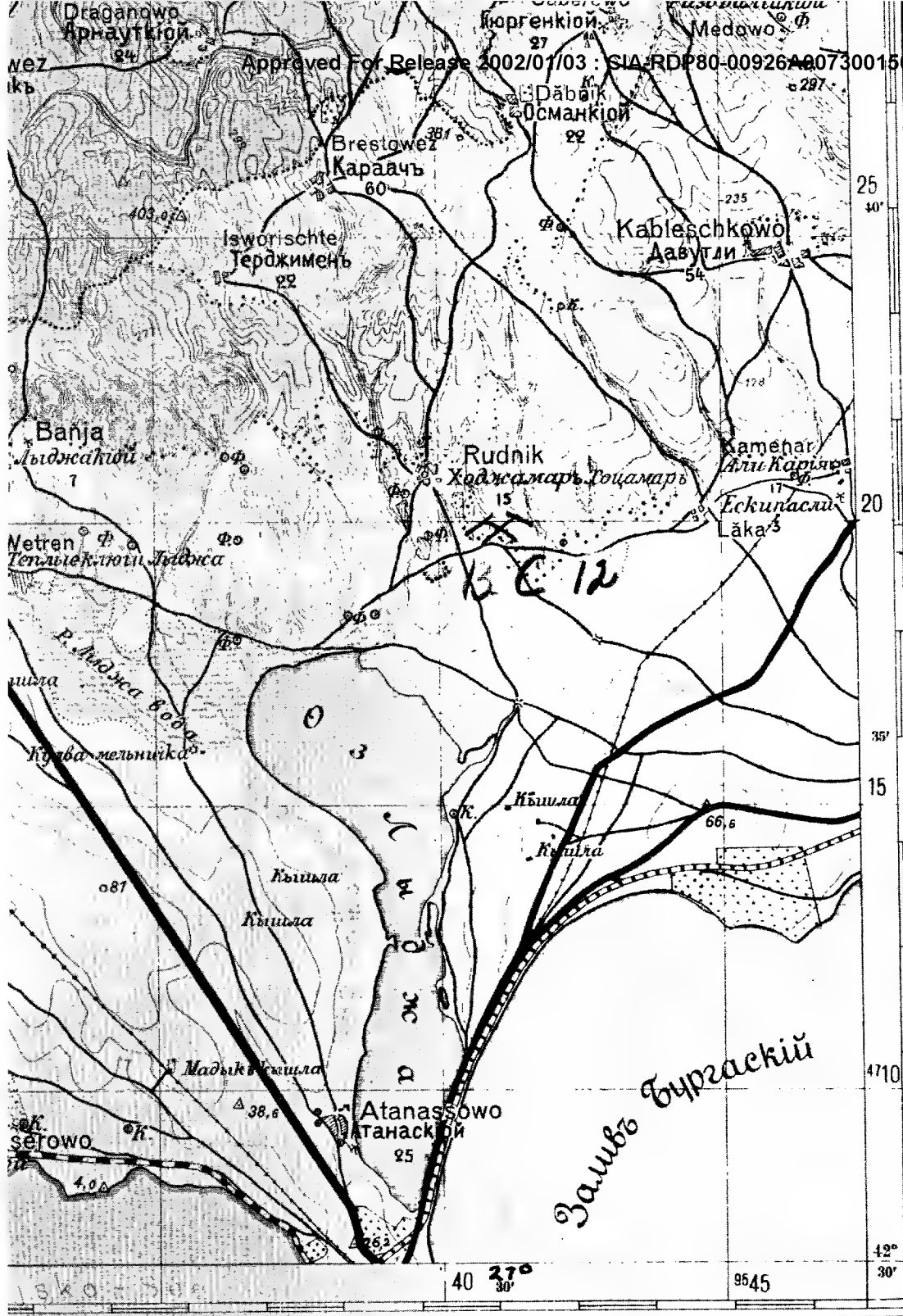
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- 06 - Thermoelectric power station near Trevna
- HC 2 - Hard coal mine at Trevna; largest mine at this location is the "Prince Boris" mine; several coke ovens are being operated at this location.
- HC 3 - Hard coal mine "Lev", near Plachkovtsi.
- HC 4 - "Tvarditsa" coal mine - hard coal.
- HC 5 - Hard coal mine at Chumerna.
- BC 10 - Brown coal mine at Nikolayevo
- BC 11 - Brown coal mine at Nikolayevo
- - Military highway from Turnovo to Kilifarevo to Vuglevtsi to Khainboazki to Gurkovo. Completed about 1948 or 1949.

VI-6



М.к. М.к. М.к. М.к.
 Ноа. Ноа, Ноа, Ноа
 Оз. Озеро (russ)
 Островъ Река
 Разв. Развалина

Ст. Стар. Стари, Стара, Ст
 Ст. Станица
 Св. Свети, Света, Св.
 Т. Тена (turk.)
 Ф. Фонтанка (russ)
 Ч. Ченце (turk.)
 Чуф. Чу. Чуф.ликъ



Die bulgarische

Schreib- schrift	Druckschrift Anhang	Kursiv	Aussprache
А а	А а	А а	.. a
Б б	Б б	Б б	.. b
В в	В в	В в	.. w
Г г	Г г	Г г	.. g
Д д	Д д	Д д	.. d
Е е	Е е	Е е	.. e
Ж ж	Ж ж	Ж ж	wie das g in
З з	З з	З з	wie s in
И и	И и	И и	.. i
Й й	Й й	Й й	.. i
К к	К к	К к	.. k
Л л	Л л	Л л	.. l
М м	М м	М м	.. m
Н н	Н н	Н н	.. n
О о	О о	О о	.. o
П п	П п	П п	.. p
Р р	Р р	Р р	.. r
С с	С с	С с	wie x in re
Т т	Т т	Т т	wie t
У у	У у	У у	.. u
Ф ф	Ф ф	Ф ф	.. f
Х х	Х х	Х х	1. wie ch in aber weil im Gaume
Ц ц	Ц ц	Ц ц	2. wie ch in wie deutsch Zahn, Zar
Ч ч	Ч ч	Ч ч	wie tsche
Ш ш	Ш ш	Ш ш	.. sch
Щ щ	Щ щ	Щ щ	.. sch
Ъ ъ	Ъ ъ	Ъ ъ	am Wortend sonst dump
Ь ь	Ь ь	Ь ь	am Wortenc dem ange
Ѣ ѣ	Ѣ ѣ	Ѣ ѣ	Artikel tä
Ѥ ѥ	Ѥ ѥ	Ѥ ѥ	vor o wie i
Ѧ ѧ	Ѧ ѧ	Ѧ ѧ	wie offenes
Ѩ ѩ	Ѩ ѩ	Ѩ ѩ	wie ju
Ѭ ѭ	Ѭ ѭ	Ѭ ѭ	in Worten fr
Ѯ ѯ	Ѯ ѯ	Ѯ ѯ	sprungs wie
Ѱ ѱ	Ѱ ѱ	Ѱ ѱ	wie ja
Ѳ ѳ	Ѳ ѳ	Ѳ ѳ	wie dumpf:

g. leeren, durch
 (station), um
 Magnetnadel
 einenden Güter
 net.

gerichtet, wenn
 (drücker), an
 der - gelagt wird
 (sicher) ein Spiel
 (wandel) erhält
 die Gradteilung
 (genau) Nadel
 (ange) 10° am
 bezeichnen
 (ung).

Nadelabweichung für Juli 1940
 Für die Mitte des Blattes beträgt die
 Nadelabweichung gegen das Gauß-
 Krüger-Gitternetz rund
 109° westlich — 174° westlich
 Jährliche Abnahme — 0,05° oder 0,08°

Das deutsche Gauß-Krüger-Netz ist durchgezogen.
 Die schragliegenden Ziffern am äußeren Kartenrande
 bezeichnen das bulgarische Gauß-Krüger-Netz.

Die Höhenlinien sind auf bulgarisch
 von 10 Sassen da
 Die ungeraden Zahlen bei der Be-
 sind durch die Umrechnung von Sa-
 (1 Sasse = 2,...

BC12 - "Cherno More" brown coal mine

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Politische Grenzen:

Lageskizze

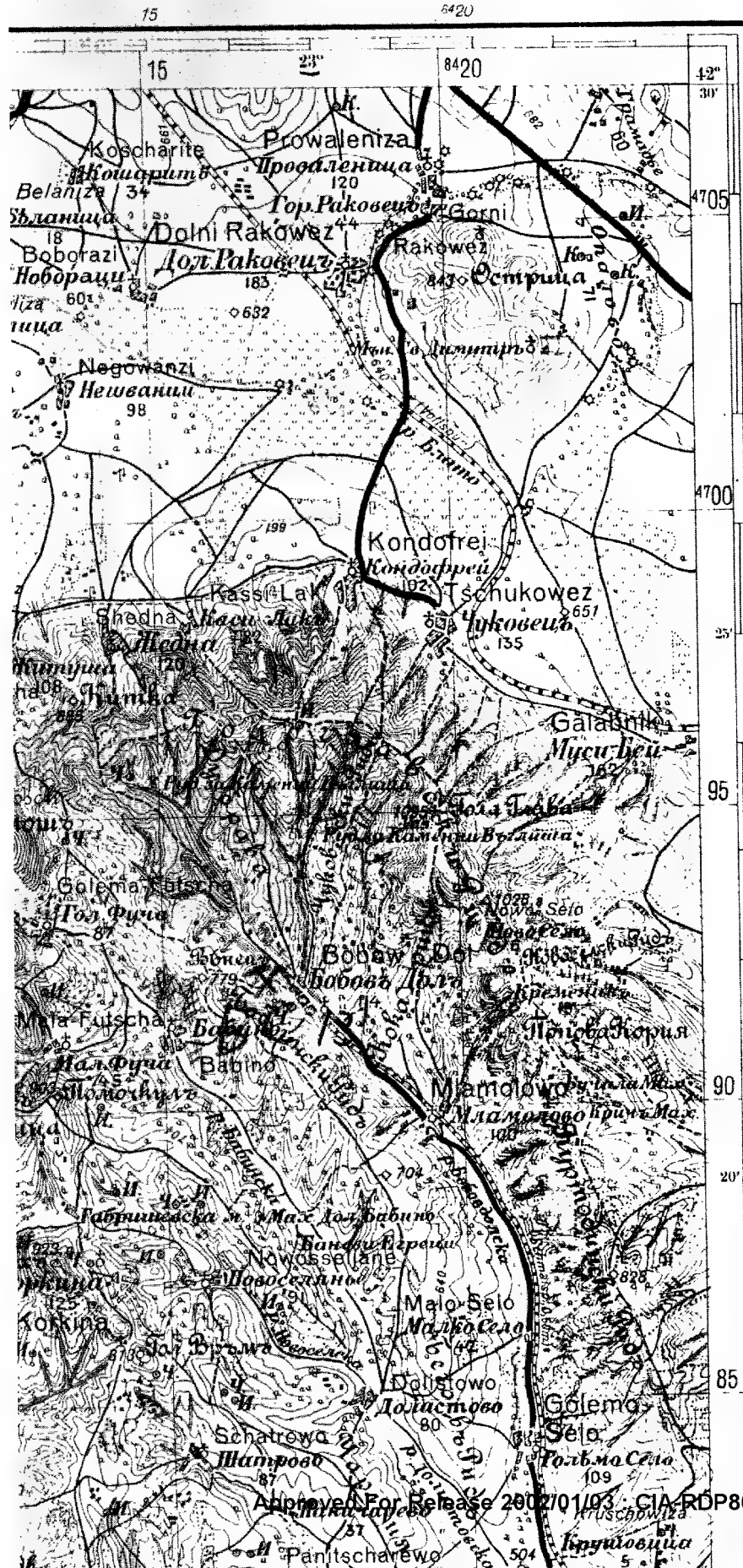
Vergrößerung Karte von Bulgarien 1:1

VI-9

Ausgabe! 5. 40

Blatt VII 2

Zeichenerklärung für Bulgarien:



СТАРА ЗАГОРА

Bistritz

КУЛА

Krebstadt

NOWA SAGORA

Ortschaften 300 - 1000 Einwohner

Swoboda

Ortschaften 100 - 300 Einwohner

Krawino

Ortschaften 300 - 1000 Einwohner

Kalowo

Ortschaften 100 - 300 Einwohner

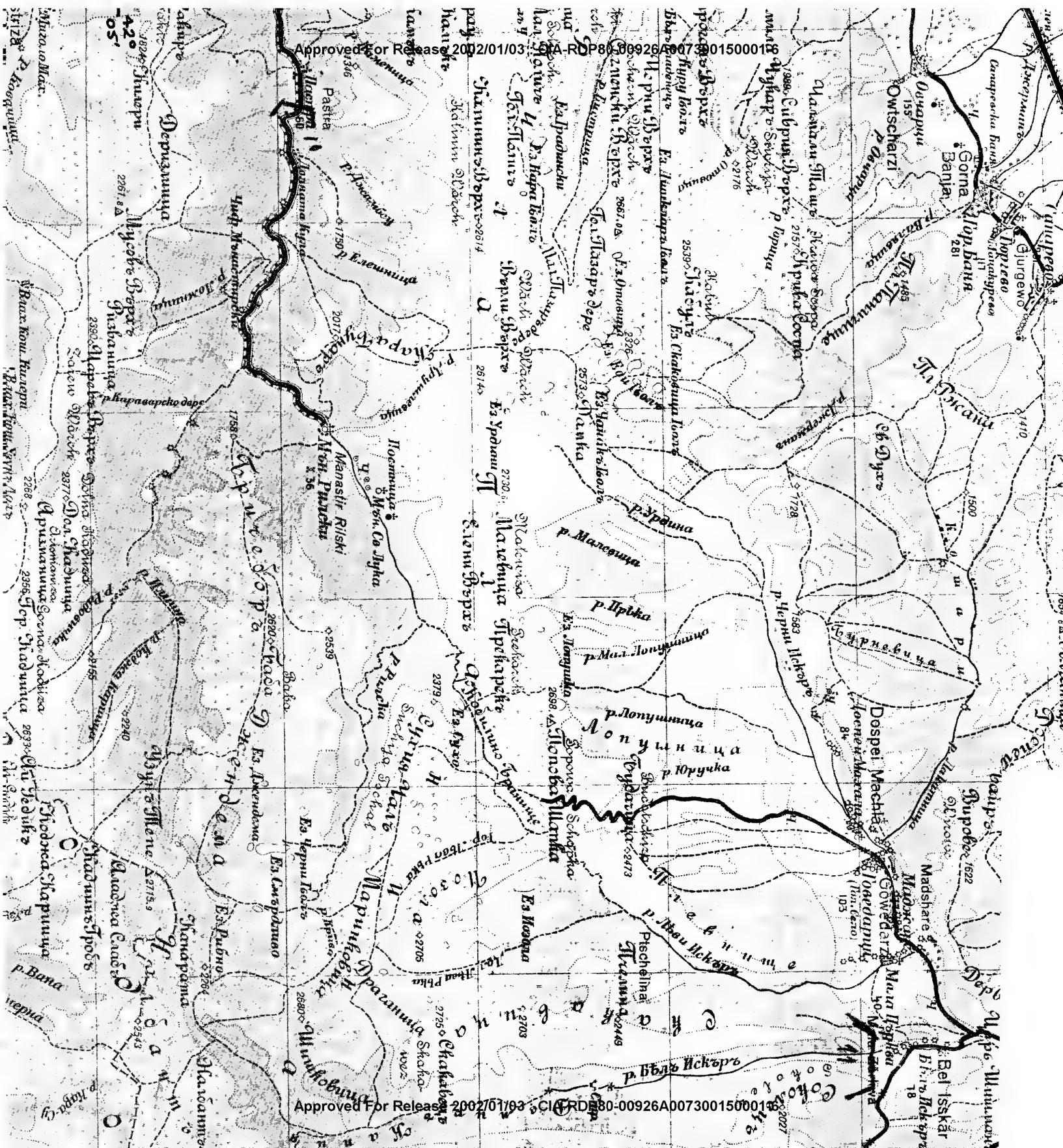
Slati Dol

Ortschaften bis 100 Einwohner

Die Zahlen
unter den
Ortsnamen
bezeichnen
die Anzahl
der Feuer-
stellen
(z.T. veraltet)

- Тържеска граница**
Staatsgrenze
Окръжна граница
Bezirksgrenze
Ст. (Bahnhof)
Железница с пълна стация
Vollspurige Eisenbahn
Железница с непълна стация
Eisenbahn, genaue Lage der Bahn unsicher
(Entlangung nach der Karte 1:300 000)
Железница в постройка
Eisenbahn im Bau
Тесноколейна железница
Schmalspurbahn
Пос. 1. клас с дървета
Chaussee 1. Klasse mit Bäumen
Пос. 2. клас с дървета
Chaussee 2. Klasse mit Bäumen
Пос. 2. клас с дървета
Nur bei trockenem Wetter benutzbar
Път с ровове
Ortsverbindungswey mit Graben
Път без ровове
Ortsverbindungswey ohne Graben
Пътя
Fußweg
Християнска гробища
Friedhof für Christen
Мохамеданска гробища
Friedhof für Mohammedaner
Лозя
Weinberge
Градини
Gärten
Розова градина
Rosens-plantierung
Зеленичукови градини
Ornamentgärten
Оризици
Reisfeld
Камъни
Stein
Гора
Wald
Храсталак
Gestrüpp
Камъни
Stein
Суша ливади
Trockene Wiese
Дървета
Einschleichen Bäume, Baume
Тригонометричен пункт
Trigonometrischer Punkt
Геометричен пункт
Geometrischer Punkt
Телеграф. линия
Telegraphenlinie
Телеграф. станция
Telegraphenstation
Поща
Postamt
Кръма, Ханг
Schenke, Herberge, Ausspannung
Милница
Mühl
Църква
Kirche

BC 13 - "Bobov Dol" brown coal mine



- △ 11 - Hydroelectric station at Pastra.
- △ 12 - Hydroelectric station at Mala Tsurkva - in construction
- 7 10 - Dam at Pastra
- 7 11 - Dam at Mala Tsurkva

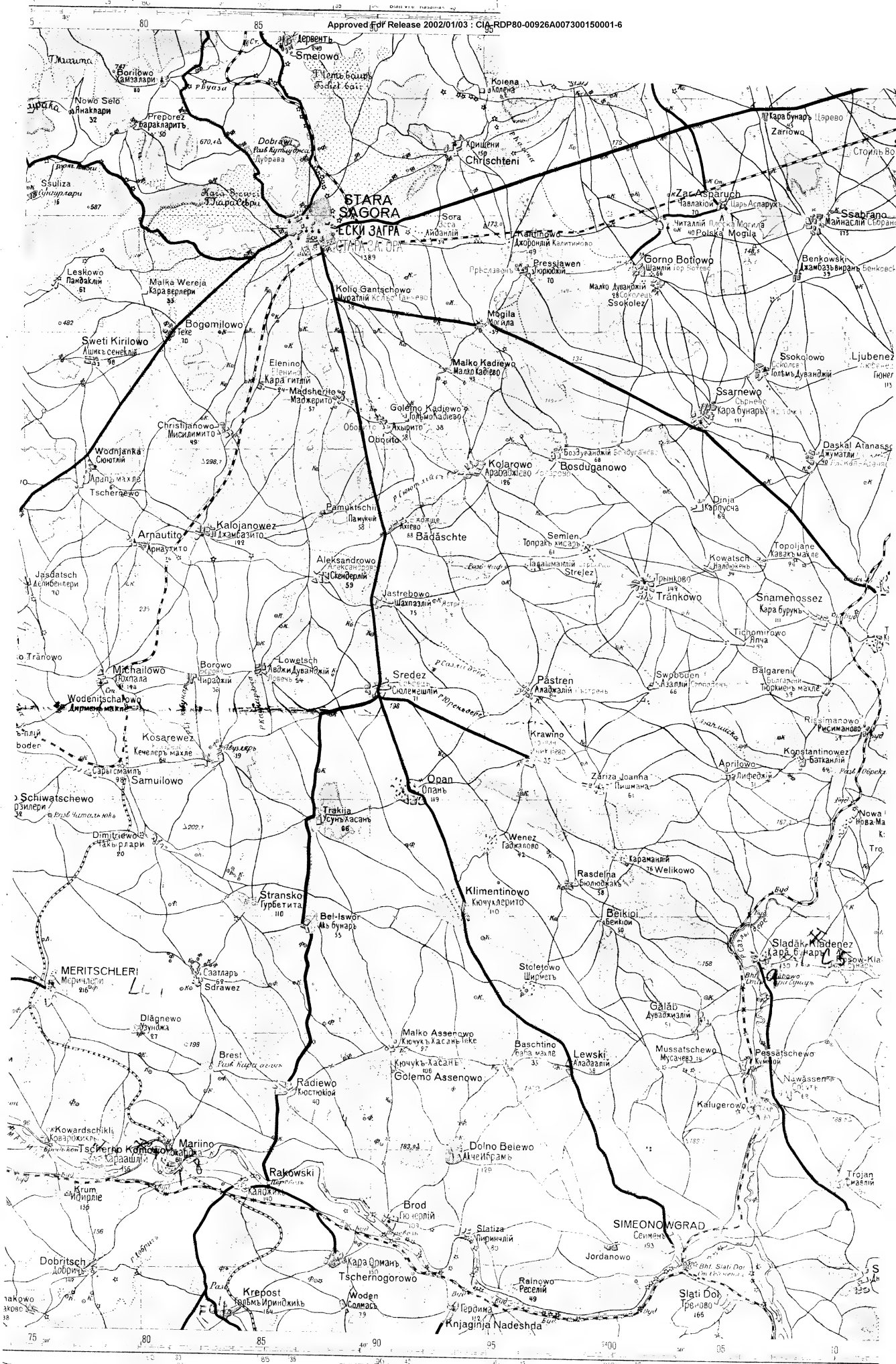
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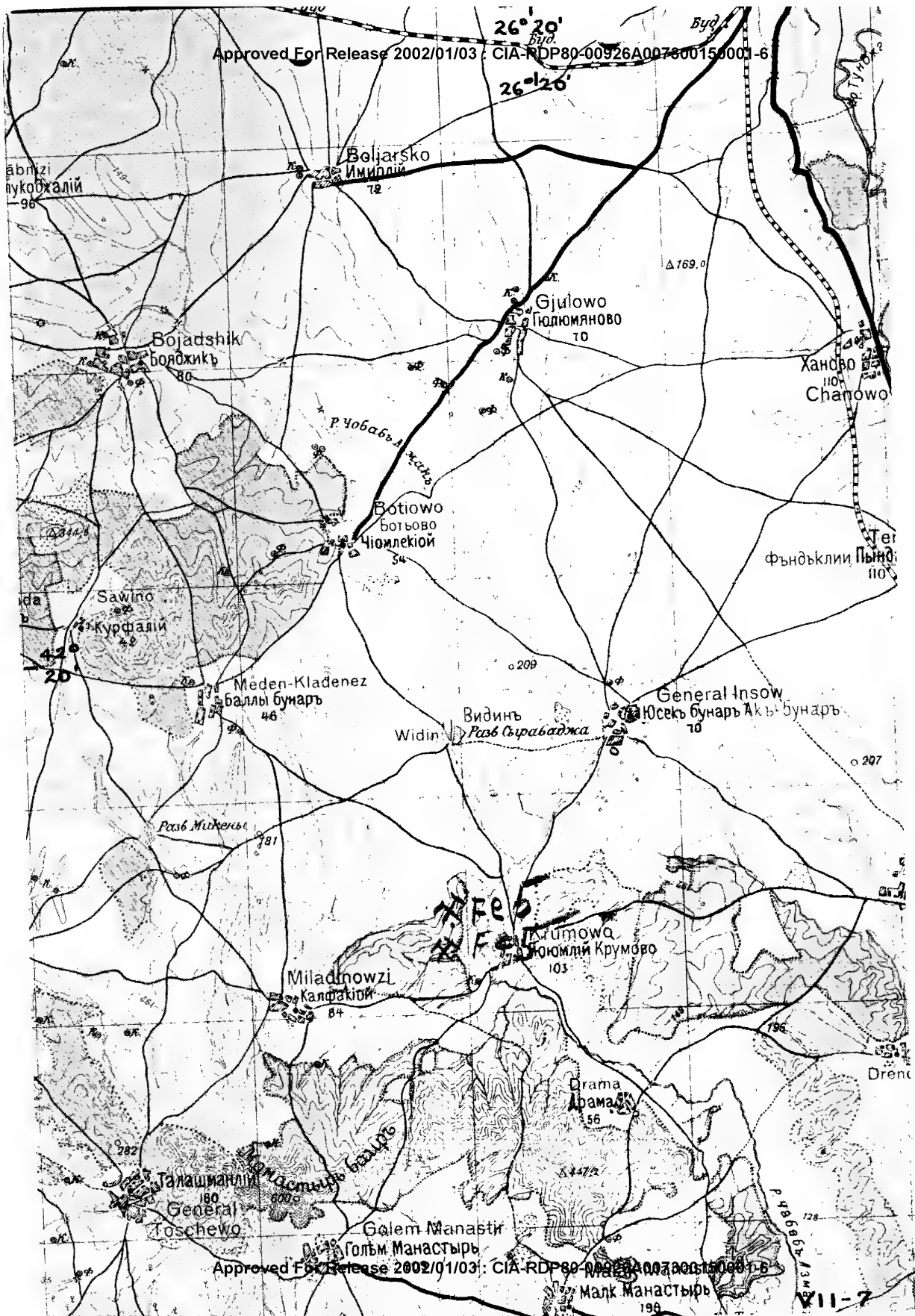
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- △ 13 - Hydroelectric station at Elli-Dere (Vetren Dol) - in construction
- △ 14 - Hydroelectric station at Krichim - in construction
-] 12 - Dam at Elli-Dere (Vetren Dol) - in construction
-] 13 - Dam at Krichim - "Vodzha" dam in construction
- Fe 3 - Iron deposits are Golak; no exploitation to date
- Cu 1 - Copper mine at Elshitsa (pyrites)

YU-4



- 07 - "Tets Maritsa" thermo_electric power station near Dimitrovgrad
- 03 - "Tets Volko Chervenkov" thermoelectric power station near Dimitrovgrad
- 09 - "Tets Maritsa Eastok" - projected
- LC 4 - Lignite mines in the Maritsa West (Dimitrovgrad) area.
- LC 4 - Lignite mine in the Maritsa East area
- FC 4 - Iron mine at Krepost



Fes
FeS - Iron mines at Krumovo; there formerly was one private and one state
mine at Krumovo; since nationalization, these two mines have been
combined into one.

ge Sonderausgabe! 5. 40

Blatt VII 8

Nur für den Dienstgebrauch!

Zeichenerkläre

СТАРА ЗАГ

Bez. Stadt

КУЛА

Bez. Stadt

NOWA SA

Ortschaften 1:25

Swoboda

Ortschaften 1:25

Krawino

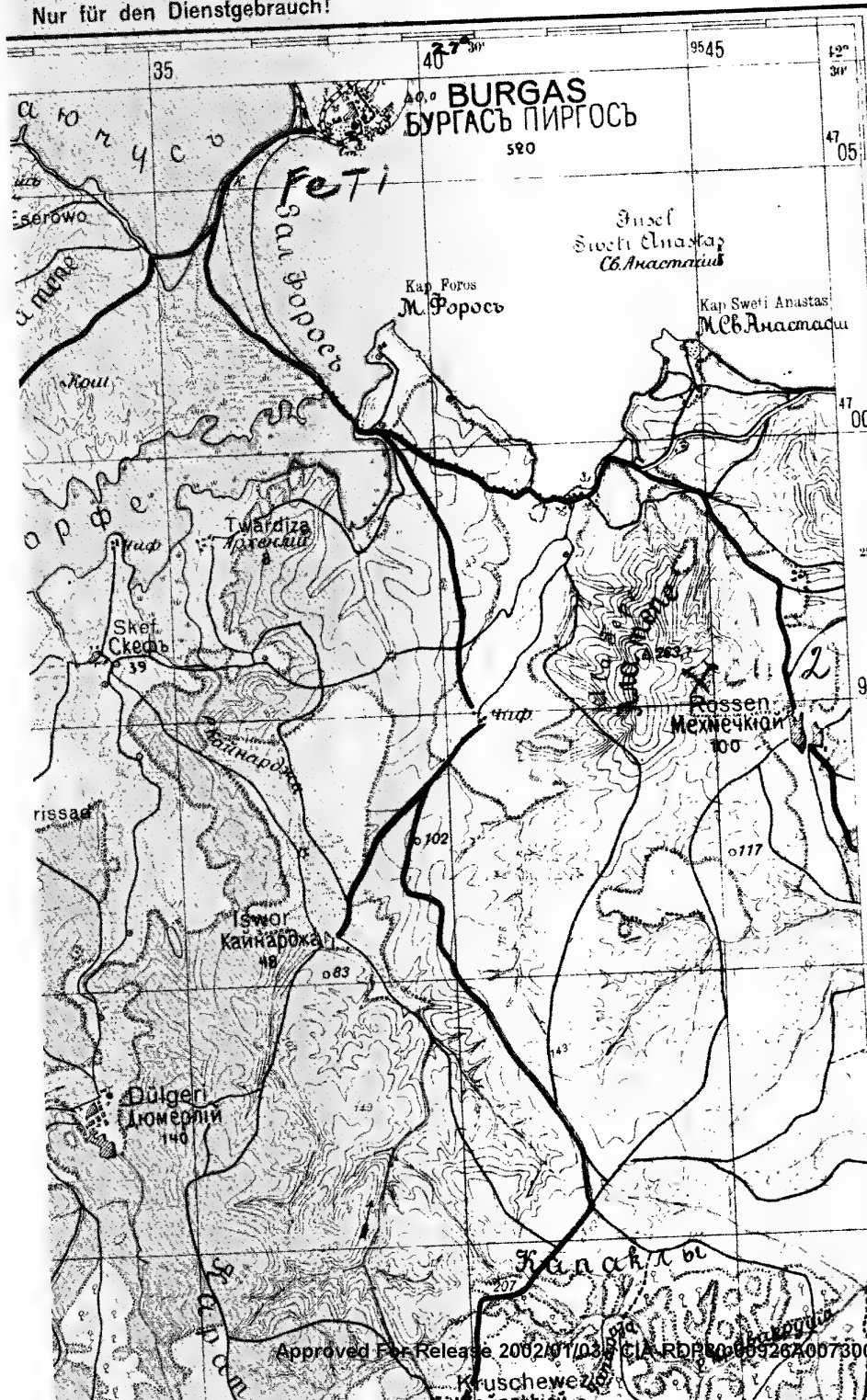
Ortschaften 3:1

Kalowo

Ortschaften 1:25

Stati Dol

Ortschaften 1:25



- Дървета
Stadt gr.
- Окръг
Bez./Kreis
- Син. (Bahnen)
Vollspurge
- Железница
Eisenbahn
- Железница
Eisenbahn
- Тягово
Schmalspur
- Пов. 1.
Chaussee 1
- Пов. 2.
Chaussee 2
- Нур. бр. тр.
Nur. b. tr.
- Н. м. с.
Ortsverbindung
- Н. м. с.
Ortsverbindung
- Н. м. с.
Folweg
- Храм
Friedhof
- Могиле
Friedhof
- Топ
Weinberge
- Град
Gärten
- Роща
Baumplant.
- Земство
Gemeinde
- Ординар
Reise d.
- Камени
Stein
- Гора
Wald
- Храм
Gestirp
- Камени
Stein
- Суга
Lacke
- Дървета
Ein. d. d. d.
- Тригоно.
Trigonomet.
- Геодези
Geometrie
- Телеграф
Telegraph
- Телеграф
Telegraph
- Почта
Postamt
- Кри. м.
Schenke
- Митни
Zollamt
- Манастир
Kloster
- Почта
Postamt

O 10 - "Tets Chernomore" thermoelectric power station; now called "Tets Vasil Kolarov" - near Burgas.

FeTi - The beach sands at Burgas contain ferro-titanium; no production

Cu2 - Copper mine at Rossen

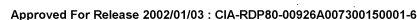
Vorläufig



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• Hypothesis of the origin of the word "great" is not clear. It may be derived from the Latin "gratus" meaning "pleasing" or "great". It may also be derived from the Greek "megalos" meaning "great".

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10 - Hydroelectric station near Asenovgrad - last reported in construction, but believed to have been completed.

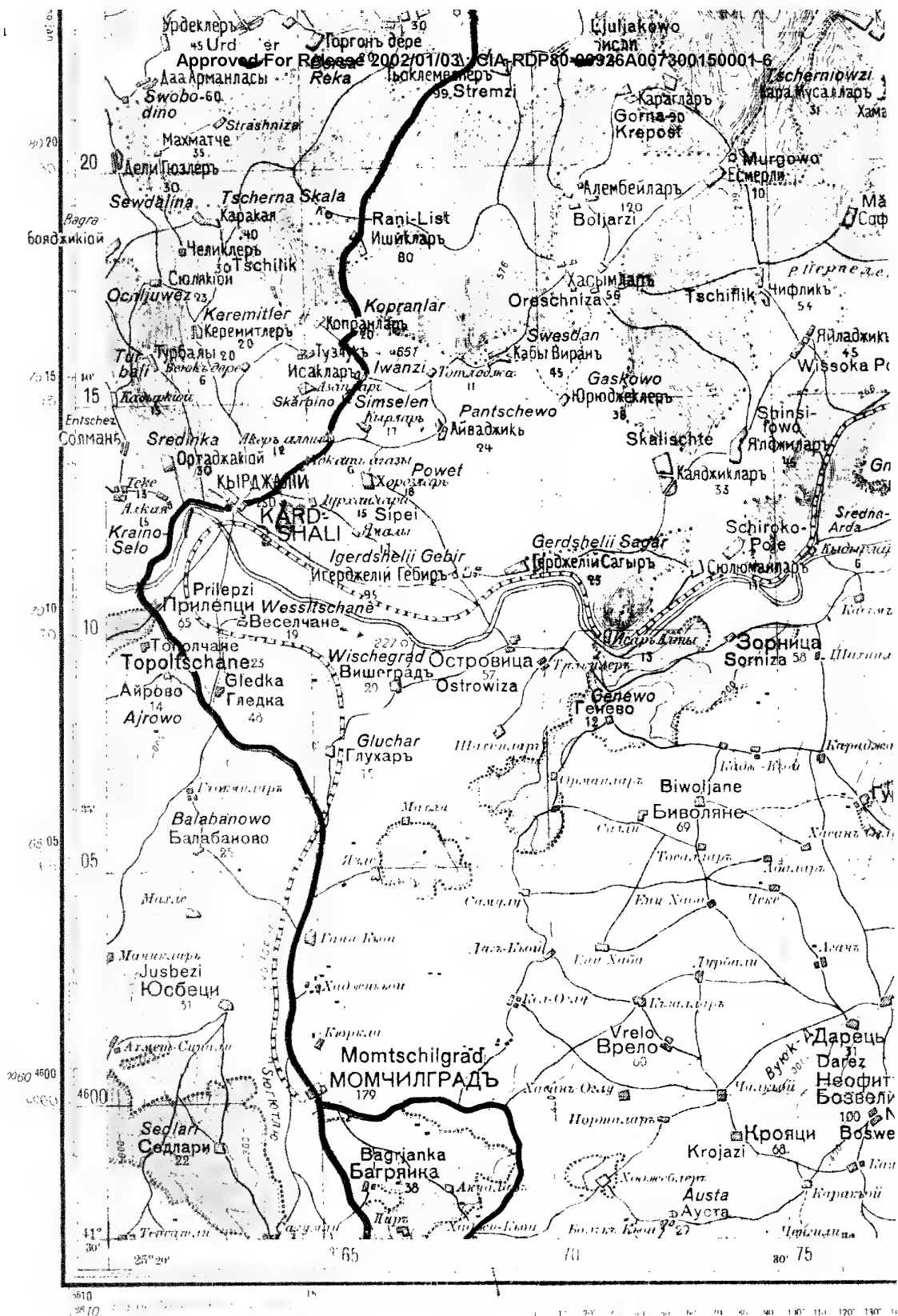
16 - "Assenitsa" Dam


20 - Lead and zinc mines "Gorubze"; formerly two mines, but there are now over 20; all operated by the Soviet-Bulgarian enterprise known as "Gorubze"; only known locations are indicated on the map. See also IX 5

1 - Flotation plant at Srdnogortsi.

- Aerial tramway

43 - Uranium mine between Bachkovo and Narechen (exact location unknown)

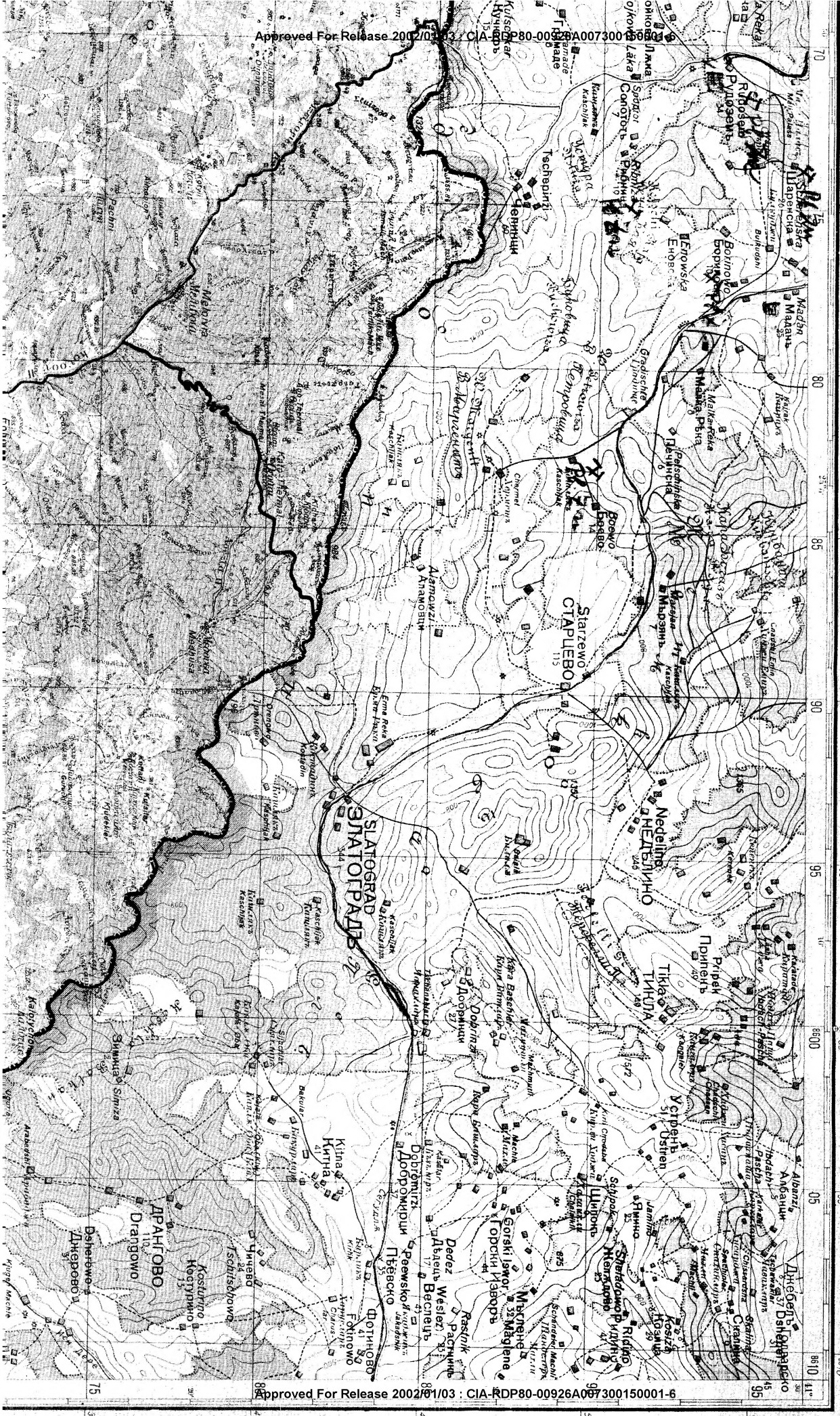


-  2 - Flotation plant at Kurdzhali
- Aerial tramway

Slatograd

Nur für den Dienstgebrauch!

Blatt IX 5

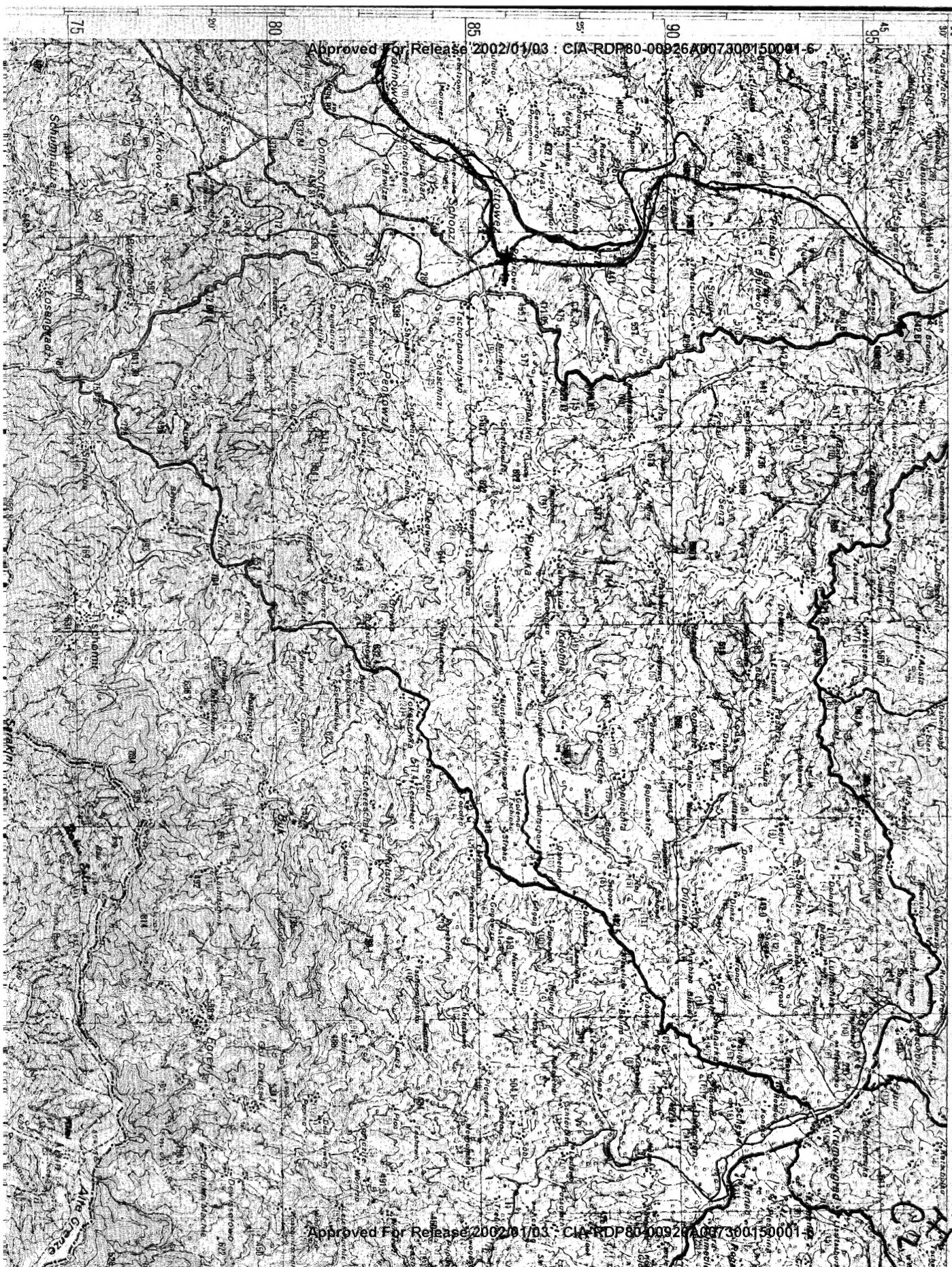


- FD-2A - Lead and zinc mines "Gorubze"; there were formerly two mines at this location; but there are now over 20; all operated by the Soviet-Bulgarian enterprise "Gorubze"; only known locations are indicated on the map. See also VIII 5
- 3 - Flotation plant at Madan
- 4 - Flotation plant at Rudozem
- Aerial tramways
25X1X
- Road improved [REDACTED]

Lebensstil

604

06



- CV - Location of several small chromium mines which are not now in production.
- - The extension of an existing railroad line by connecting Podkovo with Zlatograd has been planned, but ~~not~~ action taken.